



# Application for a Water Right Permit

RECEIVED

For Ecology Use

(Date Stamp)  
MAR 08 2012

WA State Department  
of Ecology (SWRO)

Follow the attached instructions. Attach additional sheets as necessary.

- ☐ GROUND WATER    ☒ SURFACE WATER  
☒ PERMANENT    ☐ SHORT TERM    ☐ TEMPORARY  
☐ DROUGHT

**\*A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

## Section 1. APPLICANT

- ☐ I have participated in a pre-application conference with Ecology.

Applicant/Business Name: CITY OF TACOMA, DEPT OF PUBLIC UTILITIES, DBA TACOMA POWER	Phone No: (253) 502-8336	Other No:
Address: 3628 SOUTH 35 <sup>TH</sup> STREET		
City: TACOMA	State: WA	Zip: 98409-3192
Email Address (if available):		

Contact Name (if different from above): CHAD DRUFFEL	Phone No: (253) 502-8073	Other No:
Relationship to Applicant: TACOMA POWER / GENERATION / PLANT ENGINEERING AND CONSTRUCTION SERVICES / PRINCIPAL ENGINEER		
Address: 3628 SOUTH 35 <sup>TH</sup> STREET		
City: TACOMA	State: WA	Zip: 98409-3192
Email Address (if available): CDRUFFEL@CITYOFTACOMA.ORG		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: CITY OF TACOMA, DEPT OF PUBLIC UTILITIES, DBA TACOMA POWER	Phone No: (253) 502-8336	Other No:
Address: 3628 SOUTH 35 <sup>TH</sup> STREET		
City: TACOMA	State: WA	Zip: 98409-3192
Email Address (if available):		

For Ecology Use	APPLICATION NO: 52-30595	SEPA: Exempt/Not Exempt
	Fee Paid: _____ Check No: _____	ECY Coding: 001-001-WR1-0285-000011
Date Returned _____	By _____	Priority Date 3/8/12 By SC
		WRIA: 16 / madon

**Section 2. STATEMENT OF INTENT**

Do you own the land on which the proposed point of diversion/withdrawal is located? ☒ YES ☐ NO  
 If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Briefly describe the purpose of your proposed project: WATER FROM LAKE KOKANEE WILL BE PUMPED TO A FISH SUPPLEMENTATION FACILITY ADJACENT TO CUSHMAN NO. 2 DAM. THE WATER WILL BE USED FOR CHINOOK, COHO, AND STEELHEAD IN ORDER TO HOLD ADULTS, AND REAR FRY AND SMOLTS. THE FACILITY IS A REQUIREMENT OF ARTICLE 417 OF THE AMENDED CUSHMAN PROJECT LICENSE ISSUED TO THE CITY OF TACOMA ON JULY 15, 2010, BY THE FEDERAL ENERGY REGULATORY COMMISSION. USE OF WATER IS NON-CONSUMPTIVE.

Anticipated length of time to complete your project: ESTIMATED COMPLETION DATE IS APRIL 2014

**Water Use** List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only) <input checked="" type="checkbox"/> Cubic Feet per Second (CFS) <input type="checkbox"/> Gallons per Minute (GPM)	Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
FISH PROPAGATION	6 NON-CONSUMPTIVE	4,000	CONTINUOUSLY
<b>TOTAL:</b>	6		

**Short Term/Temporary Water Use**

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES ☒ NO

Is this request for a temporary permit? ☐ YES ☒ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: \_\_\_\_/\_\_\_\_/\_\_\_\_ TO: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Section 3. POINT OF DIVERSION OR WITHDRAWAL**

(Complete A or B, and C below)

**A.) If Surface Water Source**

**B.) If Ground Water Source**



☐ Spring ☐ Creek ☐ River ☒ Lake

☐ Other: \_\_\_\_\_

Source Name: LAKE KOKANEE

Tributary to: SKOKOMISH RIVER

Number of proposed diversion points: 1

Do you have an existing diversion? ☒ YES ☐ NO

☐ Well(s) ☐ Other: \_\_\_\_\_

Well diameter & depth: \_\_\_\_\_

Number of proposed points of withdrawal: \_\_\_\_\_

Do you have an existing well? ☐ YES ☐ NO

If available, attach Water Well Report and pump test.

Well Tag ID No. \_\_\_\_\_

C.) Point of Diversion/Withdrawal – Legal Description						
Parcel No.	¼	¼	Section	Township	Range	County
42216222222	SE	NW	16	22	4W W.M	MASON
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: 2180 Feet ( <input type="checkbox"/> North/ <input checked="" type="checkbox"/> South) and 1830 feet ( <input checked="" type="checkbox"/> East/ <input type="checkbox"/> West) from the ( <input checked="" type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> ) corner of Section 16.						
Parcel No.	¼	¼	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: _____ feet ( <input type="checkbox"/> North/ <input type="checkbox"/> South) and _____ feet ( <input type="checkbox"/> East/ <input type="checkbox"/> West) from the ( <input type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> ) corner of Section _____.						

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE						
Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.						
LOT 126, PLAT OF LAKE CUSHMAN NO. 9 AS RECORDED IN VOLUME 7 OF PLATS PAGES 84 THROUGH 87, RECORDS OF MASON COUNTY, WASHINGTON						
¼	¼	Section	Twp.	Range	County	Parcel No.
SW	NE	16	22 N	4 W	MASON	422165000126

Do you own all the lands on which the proposed place of use is located? ☒ YES ☐ NO.

If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Provide owner name(s), address, and phone number: \_\_\_\_\_

Are there any other water rights or claims associated with this property or water system? ☒ YES ☐ NO

If yes, provide the water right and/or claim numbers: OTHER WATER RIGHT PERMITS/CONTROL NUMBERS ISSUED TO THE CITY OF TACOMA FOR THE CUSHMAN HYDROELECTRIC PROJECT INCLUDE: PERMIT NUMBERS 1956, 18, 1957, 112, 8814, AND CONTROL NUMBERS S2-27419, S2-30504, R2-30508, S2-27420, S2-30505, R2-30509, S2-30506, G2-30507. WATER FOR EGG INCUBATION IS GRANTED FROM THE LAKE CUSHMAN MAINTENANCE COMPANY PERMIT G2-29383.



Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

## Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source):

CUSHMAN NO. 2 DAM IMPOUNDS LAKE KOKANEE, A 128-ACRE LAKE WITH A GROSS STORAGE CAPACITY OF 8,000 ACRE-FEET AT FULL POOL (ELEVATION 480 FEET TACOMA DATUM). PUMPS WILL BE INSTALLED NEAR THE DAM TO PUMP WATER FROM LAKE KOKANEE TO A HEAD-TANK STRUCTURE WITH HOLDING CAPACITY OF APPROXIMATELY 0.35 ACRE-FEET. FROM THE HEAD-TANK, WATER WILL BE DELIVERED VIA AN UNDERGROUND PIPELINE TO A FISH SUPPLEMENTATION FACILITY ON THE EAST SIDE OF LAKE KOKANEE. AFTER THE WATER HAS PASSED THROUGH THE FISH SUPPLEMENTATION FACILITY, IT WILL BE DISCHARGED TO THE BASE OF NO. 2 DAM ADJACENT TO THE LOW-LEVEL OUTLET VIA AN UNDERWATER PIPELINE.

## Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

<b>A.) Domestic Water Systems only</b>	<b>B.) Municipal Water Systems only</b> (defined under RCW 90.03.015)
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ (e.g., home, recreational cabin)	Estimate future population to be served: _____ (20 year projection)
<b>C.) Water System Planning</b>	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input type="checkbox"/> NO If yes, date plan was approved ____/____/____ Water System Number: _____	

Name of water system: \_\_\_\_\_

Are you within the service area of an existing water system? ☐ YES ☐ NO

If yes, explain why you are unable to connect to the system: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

### Irrigation

Total number of acres requested to be irrigated under this application = \_\_\_\_\_ ACRES

NOTE: Outline the area to be irrigated on your attached map.

### Stockwater

List number and kind of stock: \_\_\_\_\_

Is the proposed project for a dairy farm? ☐ YES ☐ NO

### Other Proposed Farm Uses

Describe all proposed uses: \_\_\_\_\_

### Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: \_\_\_\_\_

## Section 8. OTHER WATER USES

### Hydropower

Indicate total feet of head \_\_\_\_\_ and proposed capacity in kilowatts: \_\_\_\_\_

Describe works: \_\_\_\_\_

Indicate all uses to which power is to be applied: \_\_\_\_\_

FERC License No: \_\_\_\_\_

### Mining/Industrial Use

Describe use, method of supplying and utilizing water: \_\_\_\_\_



**Other Use**

FISH PROPAGATION

**Section 9. WATER STORAGE**

Will you be using a dam, dike, or other structure to retain or store water? ☐ YES ☒ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☒ NO

If you answered yes to any of the above questions, please describe: \_\_\_\_\_

*NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.*

**Section 10. DRIVING DIRECTIONS**

Provide detailed driving directions to the project site: FROM OLYMPIA, TAKE HIGHWAY 101 NORTH TO HOODSPORT. ABOUT 2.7 MILES SOUTH OF HOODSPORT, CUSHMAN POWERHOUSE NO. 2 IS ON THE LEFT SIDE OF THE ROAD. AT HOODSPORT, TURN LEFT ONTO STATE ROUTE 119 (LAKE CUSHMAN ROAD). FOLLOW LAKE CUSHMAN ROAD 2.5 MILES TO THE CUSHMAN POTLATCH ROAD AND TURN LEFT. FOLLOW THE CUSHMAN POTLATCH ROAD TO LOWER LAKE ROAD AND TURN RIGHT. FOLLOW LOWER LAKE ROAD ABOUT 0.3 MILES TO CUSHMAN NO. 2 DAM.

Site Address: \_\_\_\_\_



## Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

Chad Druffel

Print Name  
(Applicant or authorized representative)

[Signature]

Signature

3/7/12

Date

Patrick McCarty

Print Name  
(Legal Owner or Part Owner Place of Use)

[Signature]

Signature

3-7-12

Date

Print Name  
(Legal Owner or Part Owner Place of Use)

Signature

Date

Please check the region in which the project is located:

<p><b>*Submit your application to:</b></p> <p>DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611</p>	<input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input type="checkbox"/> Northwest Regional Office 3190 - 160 <sup>th</sup> Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input checked="" type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300

ECY 040-1-14 (Rev. 7-26-11) If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.

